

### REMARKS

The Office Action mailed August 24, 2006 considered claims 1-32. Claims 1-8, 10-17, and 19-32 were rejected under 35 U.S.C. 102(e) as being anticipated by Rosenfeld (US 6,804,656) hereinafter *Rosenfeld*. Claims 9 and 18 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Rosenfeld*.<sup>1</sup>

By this amendment claims 1, 15, 23 and 31 have been amended.<sup>2</sup> Claims 1, 15, 23 and 31 are the only independent claims at issue.

The present invention is generally directed to interfacing a separate expert system with a clinical system. For example, claim 15 defines receiving an order on at least one of a synchronous alert interface and an inbound data interface, from the clinical system, the order having a first format structured for compatible processing at the clinical system. Next, claim 15 defines modifying the structure of the order to a second different format structured for compatible processing at the separate expert system such that the order can be compatibly processed at the separate expert system, wherein without the structural modification of the order the separate expert system is unable to compatibly process the order. Next, claim 15 defines processing the modified order to generate a response to the order, the response having the second different data format structured for compatible processing at the separate expert system. Next, claim 15 defines modifying the structure of the response to the first format such that the response can be compatible processed at the clinical system, wherein without the structural modification of the response the clinical system is unable to compatibly process the response. Lastly, claim 15 defines sending the modified response to the clinical system on at least one of the synchronous alert interface, an outbound data interface and an outbound orders interface.

Claim 1 is a method claim similar to claim 15 for processing clinical data to generate an alert. Claim 23 is similar to claim 15 where the expert system receives orders through a user interface that are sent to the clinical system. Claim 31 is directed to an expert system generally corresponding to claim 23.

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<sup>1</sup> Although the prior art status of the cited art is not being challenged at this time, Applicant reserves the right to challenge the prior art status of the cited art at any appropriate time, should it arise. Accordingly, any arguments and amendments made herein should not be construed as acquiescing to any prior art status of the cited art.

<sup>2</sup> Support for the amendments to the claims are found throughout the specification and previously presented claims, including but not limited to paragraphs [0031], [0032], [0039], [0075], [0096] and Figures 1, 4 & 8.

Applicants respectfully submit that the cited art of record does not anticipate or otherwise render the amended claims unpatentable for at least the reason that the cited art does not disclose, suggest, or enable each and every element of these claims.

*Rosenfeld* describes a method for monitoring and providing real time critical care in intensive care units (ICU's) (Col. 3:19-22). *Rosenfeld* teaches providing decision support assistance for non-intensivists working in an ICU using an Intensivist Decision Support System (IDSS) (Col. 3:23-25). An IDSS is a system that includes evidence-based best-practice medicine for 150 common ICU scenarios (Col. 3:50-55). *Rosenfeld* further provides a remote management model where intensivists can access ICU patients' data from their home or office (Col. 3:56-60). Within the remote management model, a command center receives signals (e.g., video, audio, data, etc.) from each patient, analyzes the signals and reports to the command center attendant (Col. 4:53-64). In this manner, the patients' data is continually monitored and, if the monitoring detects a problem, the command center can generate alerts to notify the intensivists.

*Rosenfeld* fails, however, to teach or suggest modifying the structure of the response to the first format such that the response can be compatible processed at the clinical system, wherein without the structural modification of the response the clinical system is unable to compatibly process the response, as recited in claim 15. At least for this reason, claim 15 patentably defines over the art of record. At least for this reason, claims 1, 23 and 31 also patentably define over the art of record.

*Rosenfeld* also fails to teach or suggest modifying the structure of the order to a second different format structured for compatible processing at the separate expert system such that the order can be compatibly processed at the separate expert system, wherein without the structural modification of the order the separate expert system is unable to compatibly process the order, as recited in claim 15. At least for either of these reasons, claim 15 patentably defines over the art of record. At least for either of these reasons, claim 1 also patentably defines over the art of record. At least for this reason, claims 1 and 31.

Since each of the dependent claims depend from one of claims 1, 15, 23 and 31, each of the dependent claims also patentably define over the art of record for at least either of the same reasons.

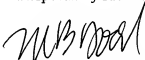
In view of the foregoing, Applicants respectfully submit that the other rejections to the claims are now moot and do not, therefore, need to be addressed individually at this time. It will

be appreciated, however, that this should not be construed as Applicants acquiescing to any of the purported teachings or assertions made in the last action regarding the cited art or the pending application, including any official notice. Instead, Applicants reserve the right to challenge any of the purported teachings or assertions made in the last action at any appropriate time in the future, should the need arise. Furthermore, to the extent that the Examiner has relied on any Official Notice, explicitly or implicitly, Applicants specifically request that the Examiner provide references supporting the teachings officially noticed, as well as the required motivation or suggestion to combine the relied upon notice with the other art of record.

In view of the foregoing, Applicants believe the claims are in allowable form. In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, or which may be overcome by an Examiner's Amendment, the Examiner is requested to contact the undersigned attorney.

Dated this 21<sup>st</sup> day of December, 2006.

Respectfully submitted,



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